

BLUEPRINT READING
Section F

Name _____ Date _____

ALL OF THE FOLLOWING QUESTIONS CAN BE ANSWERED FROM INFORMATION GIVEN ON THE BLUEPRINT.
PUT YOUR ANSWERS IN THE SPACE PROVIDED. SOME LETTERS WILL BE USED MORE THAN ONCE.

- _____ 1. How many views are shown in the working drawing?
- _____ 2. In what two views is the length shown?
- _____ 3. In what two views is the width shown?
- _____ 4. Give the three dimensions (length, width, and depth) of the part.

Length

Width

Depth
- _____ 5. What is the measurement of dimension "D" ?
- _____ 6. What is the measurement of dimension "E" ?
- _____ 7. What is the measurement of dimension "N" ?
- _____ 8. What is the measurement of dimension "A" ?
- _____ 9. What is the diameter measurement of the holes?
- _____ 10. What does letter "I" refer to?
- _____ 11. How far is point "A" to the left end surface of the piece?
- _____ 12. How far is point "A" from the right end surface of the piece?
- _____ 13. How far is point "A" from surface "F" ?
- _____ 14. How far is point "K" from surface "L" ?
- _____ 15. The surface of the front view is indicated by letter "J". What line in the top view represents the front surface?
- _____ 16. Letter "I" shows a line seen in the front view. What letter represents this surface in the top view?
- _____ 17. Letter "L" shows a surface seen in the front view. What letter represents this surface in the end view?
- _____ 18. What letters indicate object lines? (An "object line" is a line representation of a corner or edge of a surface that is seen by the viewer.)
- _____ 19. What letter indicates a hidden line? (A "hidden line" is a line representation of a corner or edge of a surface that is not seen by the viewer because of a surface or material blocking the viewer's line of sight.)
- _____ 20. What letter indicates a dimension line? (A "dimension line" is the line which indicates the dimension shown on the drawing.)
- _____ 21. What letters indicate center lines? (A "center line" is a line or set of crossed lines showing the center of a circle or curved surface.)
- _____ 22. What letter indicates an extension line? (An "extension line" is a line indicating the points or surface from which a measurement is taken and the dimension is shown.)

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